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PTO/SB/17 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2002</h2> <p style="margin: 0;"><i>Patent fees are subject to annual revision.</i></p>				Complete if Known																																																																																																																																																														
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				Filing Date		February 28, 2002																																																																																																																																																												
				First Named Inventor		MACIEL, FREDERICO BUCHHOLZ																																																																																																																																																												
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<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit overpayments to:</p> <p>Deposit Account Number 01-2135</p> <p>Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant Claims small entity status. See 37 CFR 1.27</p>				<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Fee Code</th> <th>Large Entity (\$)</th> <th>Small Entity (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65 Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25 Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130 Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520 For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920* Requesting publication of SIR prior to Examination action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840* Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55 Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200 Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460 Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720 Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980 Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160 Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160 Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140 Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510 Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55 Petition to revive - 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SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Carl I. Brundidge	Registration No. (Attorney/Agent)	29,621	Telephone	703-312-6600
Signature		Date	02/28/2002		

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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DKT. NO. 520.41201X00	SERIAL NO. not assigned
	APPLICANT F. MACIEL	
	FILING DATE February 28, 2002	GROUP not assigned

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
	6112248	2000	Maciel et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	11-328134	1999	JAPAN				
	10-69471	1998	JAPAN				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	"The IP Network Address Translator(NAT)", Internet Engineering Task Force RFC1631, Egevang & Francis, 1994, pages1-10
	"WWW server load balancer with functions being enhanced", Nikkei Open System, November 1999, ISSN 0918-581X, pp. 128-131
	"Dynamic Gateways: A Novel Approach to Improve Networking Performance and Availability on Parallel Servers", Proceeding of the HPCN'98, pp. 678-687, Springer-Verlag, 1998, ISSN 0302-9743
	"A Scalable HTTP Server: The NCSA Prototype", Proceedings of the First International Conference on the World-Wide Web, 1994, KATZ et al.
	The VRRP "Virtual Router Redundancy Protocol", RFC2338 of Internet Engineering Task Force, Knight, et al., 1998 pp.1-27
	"InfiniBand Architecture Specification Volume 1, Infiniband Trade Association, 2000
	"Integrating the LAN, WAN & SAN for Optimized Network Performance", e-Commerce Infrastructure Technologies Conference and Tradeshow, Monterey, USA, February 2001, Lucent Technologies
	"High -Performance Local Area Communication with Fast Socket", Rodrigues, Proceedings of the USENIX'97, 1997, pp. 257-274
	"High Performance Sockets and RPC over Virtual Interface (VI) Architecture", Shah, Proceedings of CANPC'99, 1999, pp. 91-107
Examiner	Date Considered

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